

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Sheet	1	of	1	Application Number	
				Filing Date	
				First Named Inventor	Elan Yogeswaren
				Art Unit	
				Examiner Name	
				Attorney Docket Number	PAT023US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)				
CDA	AA	US-	3,553,640	01-05-1971	Zemanek	
	AB	US-	4,382,201	05-03-1983	Trzaskos	
	AC	US-	4,485,321	11-27-1984	Klicker, et al.	
	AD	US-	4,523,122	06-11-1985	Tone et al.	
	AE	US-	4,571,693	02-18-1986	Birchak et al.	
	AF	US-	4,628,223	12-09-1986	Takeuchi et al.	
	AG	US-	4,665,511	05-12-1987	Rodney et al.	
	AH	US-	4,800,316	01-24-1989	Ju-Zhen	
	AI	US-	4,890,268	12-26-1989	Smith et al.	
	AJ	US-	5,130,950	07-14-1992	Orban et al.	
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	AL	US-	5,469,736	12-28-1995	Moake	
	AM	US-	5,486,695	01-23-1996	Schultz et al.	
	AN	US-	6,213,250 B1	04-10-2001	Wisniewski et al.	
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		Country Code-Number-Kind Code					
	AP	GB-2,156,984-A		10-16-1985	Rodney et al.		

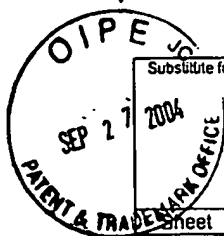
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ¹
	AQ	McKeighen, R.E., "Design Guidelines for Medical Ultrasonic Arrays", SPIE International Symposium on Medical Imaging, Feb. 25, 1998.	
	AR	Ohm, R.F., "The Vanderbilt Rubber Handbook, 13 th Ed.", R.T. Vanderbilt Company, Inc., Nowalk, CT, 1990, pages 211-222.	
	AS	Smith, W.A., "New Opportunities in Ultrasonic Transducers Emerging from Innovations in Piezoelectric Materials", SPIE Vol. 1733, 1992, pages 3-26.	
	AT	Product Literature Obtained from Ohara Corporation, 23141 Arroyo Vista, Santa Margarita, CA, July 2003. http://www.oharacorp.com/swf/ap.html	
	AU	Product Literature Obtained from Corning Glass Works Corporation, Houghton Park, New York, June 2003.	
	AV	Product Literature "Dyneon Fluoroelastomer FE5623", obtained from Dyneon, Decatur, Alabama, June 2003.	
	AW	Product Literature "Dyneon Fluoroelastomer FC2178", obtained from Dyneon, Decatur, Alabama, June 2003.	
	AX	Product Literature "Dyneon Fluoroelastomer FC2181", obtained from Dyneon, Decatur, Alabama, June 2003.	
	AY	Technical Information "Viton®B-50", DuPont Dow elastomers, dated December 1998, Wilmington, Delaware 19809.	

Examiner Signature		Date Considered	5/5/05
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Sheet 1 of 3

Complete if Known

Application Number	10/613,610
Filing Date	07-03-2003
First Named Inventor	Elan Yogeswaren
Art Unit	2856
Examiner Name	Charles Garber
Attorney Docket Number	PAT023US

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Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)				
COA	AA	US-	20020062992-A1	05-30-2002	Fredericks et al.	
	AB	US-	20020096363-A1	07-25-2002	Evans et al.	
	AC	US-	20020113717-A1	08-22-2002	Tang et al.	
	AD	US-	20030002388-A1	01-02-2003	Mandal	
	AE	US-	20030018433-A1	01-23-2003	Blanch et al.	
	AF	US-	20030058739-A1	03-27-2003	Hsu et al.	
	AG	US-	20030106739-A1	06-12-2003	Arian et al.	
	AH	US-	20030114987-A1	06-19-2003	Edwards et al.	
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	AJ	US-	20030137302-A1	07-24-2003	Clark et al.	
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	AP	US-	3,381,267	07-26-1966	Cubberly, Jr., et al.	
	AQ	US-	3,493,921	02-03-1970	Johns	
	AR	US-	3,770,006	11-06-1973	Sexton et al.	
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COA	AU	US-	4,450,540	05-22-1984	Mallett	
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		Country Code-Number-Kind Code					
COA	AAE	CA	2346546	11-22-2001	Schlumberger Canada		
	AAF	EP	0375549-A2	06-27-1990	Schlumberger Limited		
1	AAG	EP	1158138-A2	11-28-2001	Schlumberger Limited		
	AAH	GB	2381847-A	05-14-2003	Schlumberger Holdings Limited		
COA	AAI	WO	0072000-A1	11-30-2000	Baumol et al.		

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Examiner Signature	COA		Date Considered 5/5/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number 10/613,610	
				Filing Date 07-03-2003	
				First Named Inventor Elan Yogeswaren	
				Art Unit 2856	
				Examiner Name Charles Garber	
				Attorney Docket Number PAT023US	
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			Number-Kind Code (if known)			
COA	BA	US-	4,855,963	08-08-1989	Winbow et al.	
	BB	US-	4,872,526	10-10-1989	Wignall et al.	
	BC	US-	5,207,331	06-25-1991	Winbow et al.	
	BD	US-	5,036,945	08-06-1991	Hoyle et al.	
	BE	US-	5,077,697	12-31-1991	Chang	
	BF	US-	5,109,698	05-05-1992	Owen	
	BG	US-	5,229,553	07-20-1993	Lester et al.	
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	BI	US-	5,278,805	01-11-1994	Kimball	
	BJ	US-	5,331,604	07-19-1994	Chang et al.	
	BK	US-	5,387,767	02-07-1995	Aron et al.	
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	BO	US-	5,661,696	08-25-1997	Kimball et al.	
	BP	US-	5,678,643	10-21-1997	Robbins et al.	
	BQ	US-	5,726,951	03-10-1998	Birchak et al.	
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	BS	US-	5,784,333	07-21-1998	Tang et al.	
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BU	US-	5,831,934	11-03-1998	Gill et al.		
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BX	US-	5,936,913	08-10-1999	Gill et al.		
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BBA	US-	6,082,484	07-04-2000	Molz et al.		
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COA	BBD	US-	6,147,932	11-14-2000	Drumheller	

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Art Unit	2856
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CAG	CA	US-	6,188,647-B1	02-13-2001	Drumheller	
	CB	US-	6,208,585-B1	03-27-2001	Stroud	
	CC	US-	6,308,137-B1	10-23-2001	Underhill et al.	
	CD	US-	6,320,820-B1	11-20-2001	Gardner et al.	
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	CF	US-	6,459,993-B1	10-01-2002	Valero et al.	
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	CM	US-	6,615,949-B1	09-09-2003	Egerev et al.	
	CN	US-	6,618,322-B1	09-09-2003	Georgi	
	CO	US-	6,625,541-B1	09-23-2003	Shenoy et al.	
	CP	US-	6,654,688-B1	11-25-2003	Brie et al.	
	CAG	CQ	US-	6,671,380-B2	12-30-2003	Chang et al.
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